



# Licence

## *Environmental Protection Act 1986, Part V*

**Licensee: Western Resource Recovery Pty Ltd**

**Licence: L9120/2018/1**

**Registered office:** Level 4  
65 Pirrama Road  
PYRMONT NSW 2009

**ACN:** 099 144 180

**Premises address:** Karratha Liquid Waste and Waste Transfer Station  
Coolawanyah Road  
KARRATHA INDUSTRIAL ESTATE WA 6714  
Lot 2525 on Plan 214663 as depicted in Schedule 1 Map 'A'  
and Miscellaneous Lease L4700166 in Schedule 1 Map 'B'

**Issue date:** 4 June 2018

**Expiry date:** 3 June 2035

**Prescribed premises category**  
Schedule 1 of the Environmental Protection Regulations 1987

Category number	Category description	Category production or design capacity	Approved premises production or design capacity
61	Liquid waste facility: premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated	100 tonnes or more per year	100 000 tonnes per annual period
62	Solid waste depot: premises on which waste is stored, or sorted, pending final disposal or re-use	500 tonnes or more per year	15 000 tonnes per annual period

**Conditions**

Subject to this Licence and the conditions set out in the attached pages.

Date signed: 4 June 2018

.....  
Caron Goodbourn  
Manager Licensing (Process Industries)  
Officer delegated under section 20  
of the *Environmental Protection Act 1986*



## Contents

Contents	2
Introduction	2
Licence conditions	5
1 General	5
2 Emissions	9
3 Monitoring	10
4 Improvements	12
5 Information	12
Schedule 1: Map “A”	14
Schedule 1: Map “B”	15
Schedule 2: Emission Point L1	16
Schedule 3: LR1 Form	17

## Introduction

This Introduction is not part of the Licence conditions.

### DWER’s industry licensing role

The Department of Water and Environment Regulation (DWER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DWER’s purpose is to protect and conserve the state’s environment on behalf of the people of Western Australia.

DWER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. Through this process DWER works with the business owners, community, consultants, industry and other representatives to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DWER also monitor and audit compliance with works approvals and licence conditions, take enforcement action as appropriate and develop and implement licensing and industry regulation policy.

### Licence requirements

This licence is issued under Part V of the Act. Conditions contained with the licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licensee the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link:

<http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

- *Environmental Protection (Unauthorised Discharges) Regulations 2004* – these Regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the Regulations.



- *Environmental Protection (Controlled Waste) Regulations 2004* - these Regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.
- *Environmental Protection (Noise) Regulations 1997* – these Regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the Regulations.

You must comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply.

Licence holders are also reminded of the requirements of section 53 of the Act which places restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice.

#### **Licence fees**

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non payment of annual licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises. Operating without a licence is an offence under the Act.

#### **Ministerial conditions**

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for the Environment. You are required to comply with any conditions imposed by the Minister.

#### **Premises description and Licence summary**

Western Resources Recovery Pty Ltd (WRR) has constructed a waste transfer station on its industrial premises located at Lot 2525 on Plan 214663 Coolawanyah Road in the Karratha Industrial Estate (KIE). The facility has been constructed to manage the increasing demand for recycling services in the Pilbara. The nearest temporary accommodation is located approximately 1 kilometre (km) to the west (Karratha Caravan Park) and the township of Karratha is approximately 4.5 km to the north.

The waste transfer station is used to store and sort waste pending final disposal or re-use. The waste being received at the waste transfer station is primarily packaged liquid (controlled) waste. There will also be some solid wastes stored on site pending final disposal.

This Licence applies to the receipt, storage and handling of solid and liquid waste at Lot 2525 Coolawanyah Road, Karratha, prior to disposal. The construction of a permanent liquid waste treatment facility has also been approved under works approval W5383/2013/1, construction of which is anticipated to be completed by mid-2014. Further compliance documentation will need to be submitted upon completion of construction of the treatment facility and an amendment to this Licence will be required.

This licence numbered L9120/2018/1 is the replacement of previously ceased licence L8774/2013/1 for the operation of a facility established under works approval W5383/2013/1.



The licences and works approvals issued for the Premises since 9 May 2013 are:

Instrument log		
Instrument	Issued	Description
W5383/2013/1	09/05/2013	New Works Approval for a liquid waste facility and solid waste depot
W5383/2013/1	14/11/2013	Amendment to include the construction of a temporary liquid waste treatment facility
L8774/2013/1	21/11/2013	New licence was issued
L8774/2013/1	29/04/2016	Licence duration extended to 24 November 2035
L8774/2013/1	23/06/2017	Amendment Notice 1: Amend Licence to include controlled waste categories not originally included on the Licence
L8774/2013/1	22/12/2017	Amendment Notice 2: Inclusion of miscellaneous lease onto Licence.
L9120/2018/1	04/05/2018	Replacement licence for L8774 including amendment Notices 1 & 2.

### Severance

It is the intent of these Licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this Licence to impose, or is otherwise *ultra vires* or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this Licence to impose and are not otherwise *ultra vires* or invalid.

**END OF INTRODUCTION**



## Licence conditions

### 1 General

#### 1.1 Interpretation

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

**'ACM'** means asbestos containing material and has the meaning defined in the Guidelines for Assessment, Remediation and Management of Asbestos Contaminated Sites, Western Australia, (DOH, 2009);

**'the Act'** means the *Environmental Protection Act 1986*;

**'annual period'** means the inclusive period from 1 July to 30 June in the following year;

**'asbestos'** means the asbestiform variety of mineral silicates belonging to the serpentine or amphibole groups of rock-forming minerals and includes actinolite, amosite, anthophyllite, chrysolite, crocidolite, tremolite and any mixture containing 2 or more of those;

**'clinical waste'** has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009), published by the CEO and as amended from time to time;

**'Code of practice for the storage and handling of dangerous goods'** means the storage and handling of dangerous goods, code of practice, Department of Mines and Petroleum, Government of Western Australia;

**'controlled waste'** has the definition in Environmental Protection (Controlled Waste) Regulations 2004;

**'dangerous goods'** has the meaning defined in the Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007;

**'DER Asbestos Guidelines'** means the current version of the Guidelines for managing asbestos at construction and demolition waste recycling facilities as published by the Department of Environment Regulation, Government Western Australia.

**'CEO'** means Chief Executive Officer of the Department of Water and Environmental Regulation;

**'CEO'** for the purpose of correspondence means:  
Chief Executive Officer  
Department of Water and Environmental Regulation  
Locked Bag 33  
CLOISTERS SQUARE WA 6850  
Email: [info@dwer.wa.gov.au](mailto:info@dwer.wa.gov.au)

**'environmentally hazardous material'** means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-



products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines and Petroleum;

**'fugitive emissions'** means all emissions not arising from point sources identified in Sections 2.2, 2.3, 2.4 and 2.5;

**'hardstand'** means a surface with a permeability of  $10^{-9}$  metres/second or less;

**'Hazardous waste'** has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009), published by the CEO and as amended from time to time;

**'Inert Waste Type 1'** has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009), published by the CEO and as amended from time to time;

**'Inert Waste Type 2'** has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009), published by the CEO and as amended from time to time;

**'Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009)'** means the document entitled "Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009) published by the Chief Executive Officer and as amended from time to time;

**'Licence'** means this Licence numbered L9120/2018/1 and issued under the Act for the replacement of previously ceased licence L8774/2013/1;

**'Licensee'** means the person or organisation named as Licensee on page 1 of the Licence;

**'Premises'** means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

**'Putrescible'** has the meaning defined in Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009), published by the CEO and as amended from time to time;

**'Schedule 1'** means Schedule 1 of this Licence unless otherwise stated;

**'Schedule 2'** means Schedule 2 of this Licence unless otherwise stated;

"SAWRG" South Australian Reclaimed Water Guidelines, EPA(SA) 1999; and

**'usual working day'** means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the current version of that standard.

1.1.4 Any reference to a Guideline or Code of Practice in the Licence means the current version of the Guideline or Code of Practice.



## 1.2 General conditions

- 1.2.1 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:
- (a) pollution;
  - (b) unreasonable emission;
  - (c) discharge of waste in circumstances likely to cause pollution; or
  - (d) being contrary to any written law.
- 1.2.2 The Licensee shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.
- 1.2.3 The Licensee, except where storage is prescribed in section 1.3, shall ensure that environmentally hazardous substances are stored in accordance with the code of practice for the storage and handling of dangerous goods.
- 1.2.4 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
- 1.2.5 The Licensee shall:
- (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
  - (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.<sup>1</sup>

**Note1:** *The Environmental Protection (Unauthorised Discharges) Regulations 2004* make it an offence to discharge certain materials into the environment.

## 1.3 Premises operation

- 1.3.1 The Licensee shall only accept waste on to the Premises if:
- (a) it is of a type listed in Table 1.3.1;
  - (b) the quantity accepted is below any quantity limit listed in Table 1.3.1; and
  - (c) it meets any specification listed in Table 1.3.1.

<b>Table 1.3.1: Waste acceptance</b>			
<b>Waste</b>	<b>Quantity Limit</b>	<b>Waste Code</b>	<b>Specification<sup>1</sup></b>
Inert Waste Type 1	15,000 tonnes per annual period	N/A	Waste containing visible asbestos or ACM shall not be accepted.
Inert Waste Type 2		N/A	None specified
Putrescible waste		N/A	None specified
Clinical waste		R100, R120	Limited to Clinical and related wastes
Solid Hazardous wastes		J170, J180, N100 N120, N140, N160, N190, N205 T100, T120	Limited to contaminated soils and sludges, oil rags, engine oil filters and hoses and Miscellaneous waste
Liquid Hazardous wastes	100,000 tonnes per annual period	A100, A110, A130 B100, C100, D120, D130, D140, D141, D150, D190, D230, D300, F100, F110, F120, F130, G100, G110, G150,	Limited to biological wastes, oils and emulsions, solvents, coolants, glycols, surfactants, acids, alkalis, chromium and cyanide



<b>Table 1.3.1: Waste acceptance</b>			
<b>Waste</b>	<b>Quantity Limit</b>	<b>Waste Code</b>	<b>Specification<sup>1</sup></b>
		G160, H100, H110, H170, J100, J120, J130, K110, K110, K130, K140, K190, K200, K210, L100, L150 M130, M150, M250	

**Note 1:** Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

- 1.3.2 The Licensee shall ensure that where waste does not meet the waste acceptance criteria set out in condition 1.3.1 it is removed from the Premises by the delivery vehicle or, where that is not possible, stored in a segregated storage area or container and removed to an appropriately authorised facility as soon as practicable.
- 1.3.3 The Licensee shall ensure the secondary wastes from the processing of liquid waste, including but not limited to product water from the facility or recycled water with no opportunity for re-use, is disposed of at an appropriately licensed facility.
- 1.3.4 The Licensee shall ensure that wastes accepted onto the Premises are only subjected to the process(es) set out in Table 1.3.2 and in accordance with any process limits described in that Table.

<b>Table 1.3.2: Waste processing</b>		
<b>Waste type</b>	<b>Process</b>	<b>Process limits</b>
Liquid waste	Treatment	50,000 tonnes per year
Putrescible waste	Receipt, handling and storage prior to disposal	Only to be stored and sorted in designated bins or bunded areas prior to transport offsite
Inert Waste Type 1		
Inert Waste Type 2		
Clinical waste		
Solid Hazardous wastes		
Packaged Liquid Hazardous wastes		

- 1.3.5 The Licensee shall implement the following security measures at the site:
- erect and maintain suitable fencing to prevent unauthorised access to the site;
  - ensure that any entrance gates to the premises are securely locked when the premises are unattended; and
  - undertake regular inspections of all security measures and repair damage as soon as practicable; and
  - Install and maintain a sign at the entrance to the Premises which clearly displays the following information;
    - hours of operation;
    - contact telephone number;
    - warning indicating penalties for people lighting fires; and
    - list of materials accepted for recycling and the location of where they can be deposited on the premises.





- 1.3.6 The Licensee shall implement control measures to prevent infestations of pests, flies and vermin at the Premises.
- 1.3.7 The Licensee shall take all reasonable and practical measures to ensure that no windblown litter escapes from the Premises.
- 1.3.8 The Licensee shall ensure that no waste is burnt on the premises.
- 1.3.9 The Licensee shall not store any waste accepted under Condition 1.3.1, Table 1.3.1 within Miscellaneous Lease L4700166.
- 1.3.10 The Licensee shall install an additional two carbon filters to the onsite waste water treatment system by 15 January 2018.

## 2 Emissions

### 2.1 General

- 2.1.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit, and/or target in this section.

### 2.2-2.4 Point source emissions to air, surface water and groundwater

There are no specified conditions relating to point source emissions to air, surface water or groundwater in this section.

### 2.5 Emissions to land

- 2.5.1 The Licensee shall ensure that where waste is emitted to land from the emission points in Table 2.5.1 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this licence.

<b>Table 2.5.1: Emissions to land</b>		
<b>Emission point reference and location on Map of emission points – Schedule 3 Map</b>	<b>Description</b>	<b>Source including abatement</b>
L1 (treated wastewater storage tank – see map of emission points)	Treated wastewater used for onsite dust suppression (main plant or access road)	Treated Wastewater limited to J120 waste from mechanical vehicle/equipment wash down which has been treated through the onsite liquid waste treatment process

- 2.5.2 The Licensee shall not cause or allow emissions to land that do not meet the limits listed in Table 2.5.2.



**Table 2.5.2: Emission limits to land**

Emission point reference - Schedule 3 Map	Parameter	Limit units (including)	Averaging period
L1 (treated wastewater storage tank – see map of emission points)	pH	5.5-8.5	Spot Sample
	Surfactants	<5 mg/L	
	Total Petroleum Hydrocarbons	<15 mg/L	
	Arsenic	≤0.1 mg/L	
	Cadmium	≤0.01 mg/L	
	Chromium	≤1.0 mg/L	
	Copper	≤0.2 mg/L	
	Lead	≤0.2 mg/L	
	Mercury	≤0.002 mg/L	
	Molybdenum	≤0.01 mg/L	
	Nickel	≤0.02 mg/L	

## 2.6 Fugitive emissions

- 2.6.1 The Licensee shall use all reasonable and practical measures to prevent and where that is not practicable to minimise dust emissions from the Premises.
- 2.6.2 The Licensee shall ensure that no visible dust generated by the activities on the Premises crosses the boundary of the Premises.

## 2.7 Odour

- 2.7.1 The Licensee shall ensure that odour emitted from the Premises does not unreasonably interfere with the health, welfare, convenience, comfort or amenity of any person who is not on the Premises.

## 2.8 Noise

There are no specified conditions relating to noise in this section.

# 3 Monitoring

## 3.1 General monitoring

- 3.1.1 The licensee shall ensure that:
  - (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
  - (b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10; and
  - (c) all laboratory samples are submitted to a laboratory with current NATA accreditation for the parameters to be measured.
- 3.1.2 The Licensee shall ensure that monthly monitoring is undertaken at least 15 days apart.

## 3.2-3.4 Monitoring of point source emissions to air, surface water and groundwater

There are no specified conditions relating to monitoring of point source emissions to air, surface water or groundwater in this section.



### 3.5 Monitoring of emissions to land

3.5.1 The Licensee shall undertake the monitoring in Table 3.5.1 according to the specifications in that table.

**Table 3.5.1: Monitoring of emissions to land**

Emission point reference - Schedule 3 Map	Parameter	Units	Frequency
L1	Volumetric flow rate	m <sup>3</sup>	Monthly or prior to discharge
	pH	-	
	Surfactants	mg/L	
	Total Petroleum Hydrocarbons	mg/L	
	BTEX	µg/L	
	Total Dissolved Solids	mg/L	
	Arsenic	mg/L	
	Cadmium	mg/L	
	Chromium	mg/L	
	Copper	mg/L	
	Lead	mg/L	
	Mercury	mg/L	
	Molybdenum	mg/L	
	Nickel	mg/L	

Note1: In-situ monitoring of pH is permitted

### 3.6 Monitoring of inputs and outputs

3.6.1 The Licensee shall undertake the monitoring in Table 3.6.1 according to the specifications in that table.

**Table 3.6.1: Monitoring of inputs and outputs**

Input/Output	Parameter	Units	Averaging period	Frequency
Waste Inputs	Putrescible waste, Inert Waste Type 1, Inert Waste Type 2, Clinical waste, Hazardous wastes	m <sup>3</sup> (where no weighbridge is present)	N/A	Each load arriving at the Premises
Waste Outputs				Each load leaving the Premises

### 3.7 Process monitoring

There are no specified conditions relating to process monitoring in this section.

### 3.8 Ambient environmental quality monitoring

There are no specified conditions relating to ambient environmental quality monitoring in this section.

### 3.9 Meteorological monitoring

There are no specified conditions relating to meteorological monitoring in this section.



## 4 Improvements

There are no specified improvement conditions in this section.

## 5 Information

### 5.1 Records

5.1.1 All information and records required by the Licence shall:

- (a) be legible;
- (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
- (c) except for records listed in 5.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
- (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
  - (i) off-site environmental effects; or
  - (ii) matters which affect the condition of the land or waters.

5.1.2 The Licensee shall ensure that:

- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
- (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

5.1.3 The Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

5.1.4 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

### 5.2 Reporting

5.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 60 calendar days after the end of the annual period. The report shall contain the information listed in Table 5.2.1 in the format or form specified in that table.

**Table 5.2.1: Annual Environmental Report**

Condition or table (if relevant)	Parameter	Format or form <sup>1</sup>
-	Summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred during the annual period and any action taken	None specified
Table 1.3.2	Volume of liquid waste treated through the temporary liquid waste treatment facility	None specified
3.5.1	Volumetric flow rate, pH, surfactants, total petroleum hydrocarbons, BTEX, total dissolved solids	LR1 form
3.6.1	Input and output monitoring data (Summary of each	None specified



<b>Table 5.2.1: Annual Environmental Report</b>		
<b>Condition or table (if relevant)</b>	<b>Parameter</b>	<b>Format or form<sup>1</sup></b>
	waste type accepted, removed and rejected from the Premises)	
5.1.3	Compliance	Annual Audit Compliance Report (AACR). Template available at <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a>
5.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 3

### 5.3 Notification

5.3.1 The Licensee shall ensure that the parameters listed in Table 5.3.1 are notified to the Director in accordance with the notification requirements of the table.

<b>Table 5.3.1: Notification requirements</b>			
<b>Condition or table (if relevant)</b>	<b>Parameter</b>	<b>Notification requirement<sup>1</sup></b>	<b>Format or form<sup>2</sup></b>
2.1.1	Breach of any limit specified in the Licence	Part A: As soon as practicable but no later than 5pm of the next usual working day.	N1
-	Any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution	Part B: As soon as practicable	

Note 1: Notification requirements in the licence shall not negate the requirement to comply with s72 of the Act

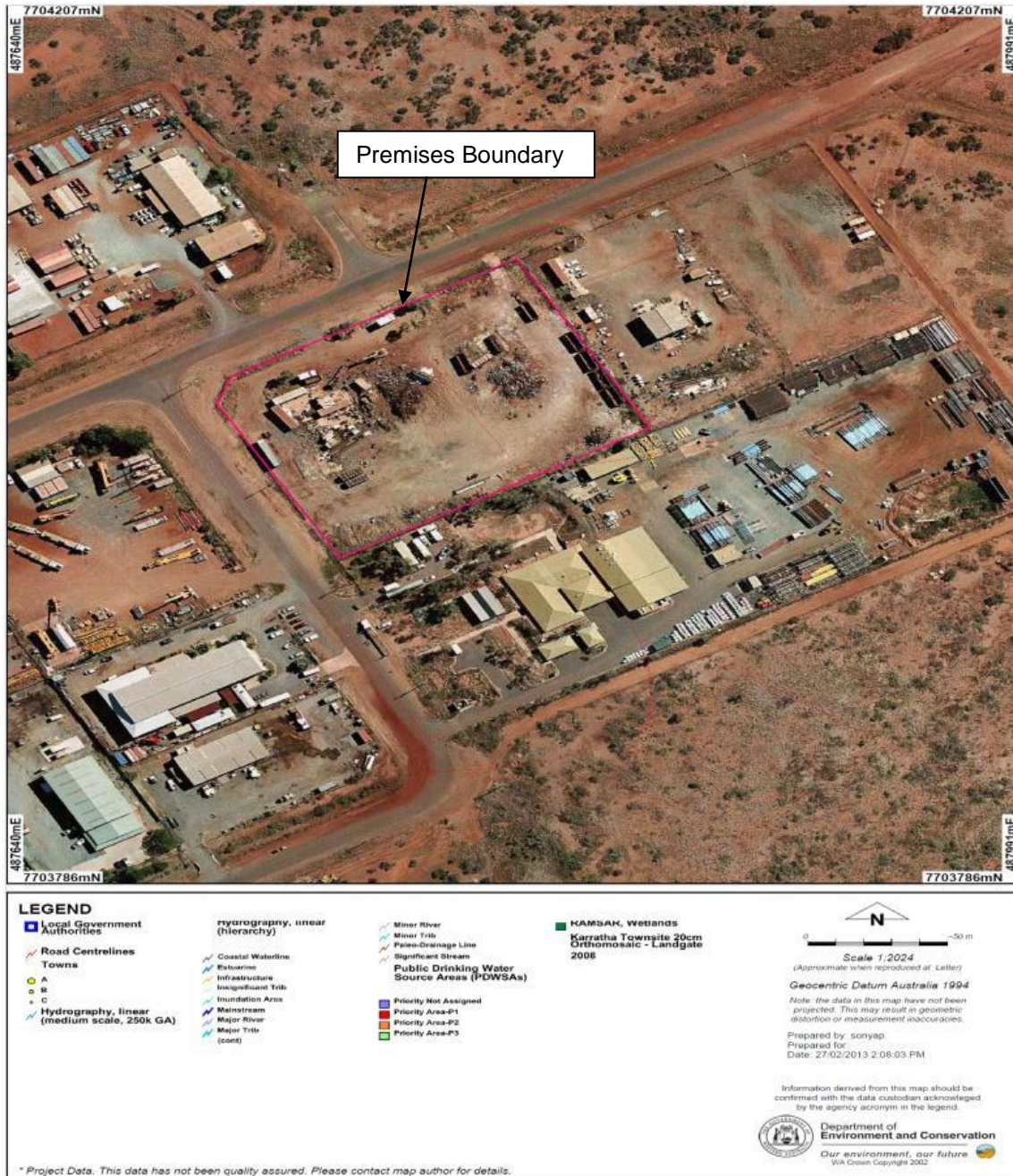
Note 2: Forms are in Schedule 4



## Schedule 1: Map "A"

### Premises boundary map

The Premises is shown in the map below. The pink line depicts the Premises boundary.

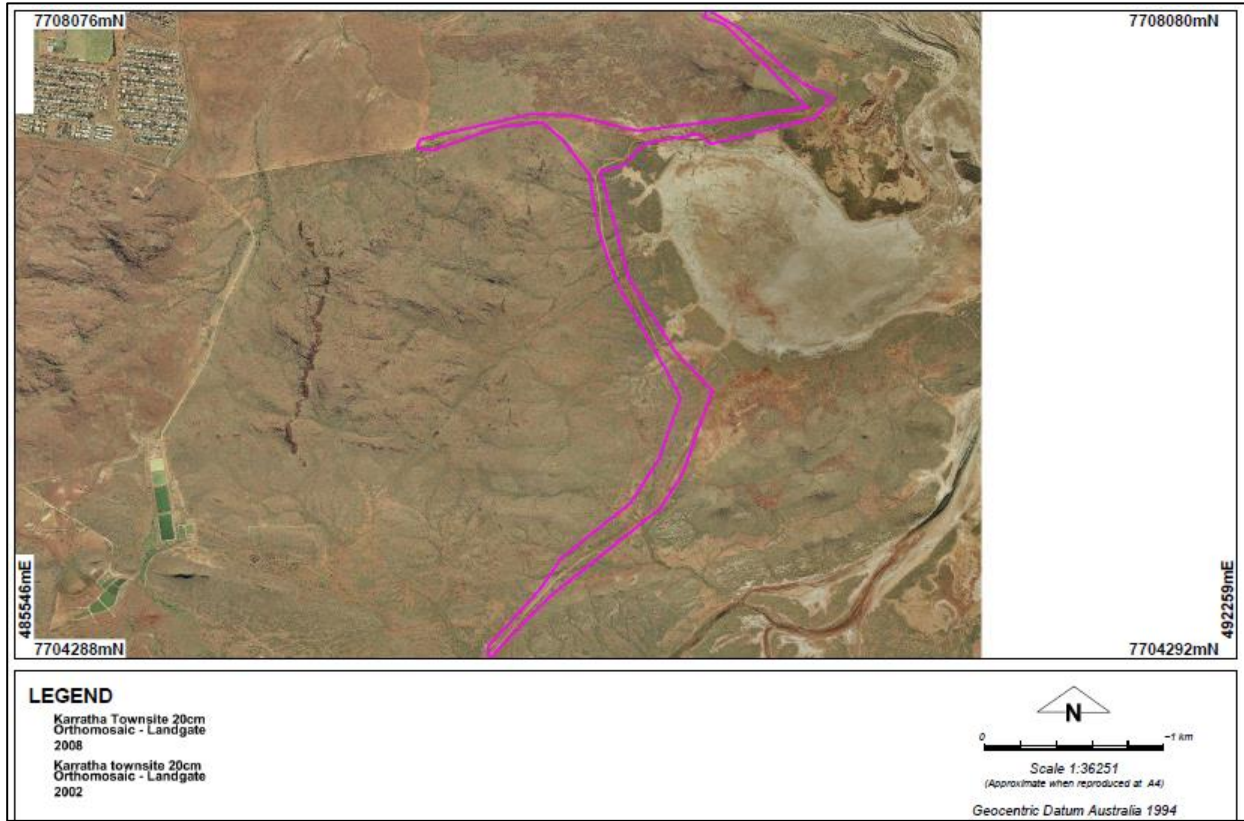




## Schedule 1: Map "B"

The Premises (Access Road) is shown in the map below. The pink line depicts the Premises boundary.

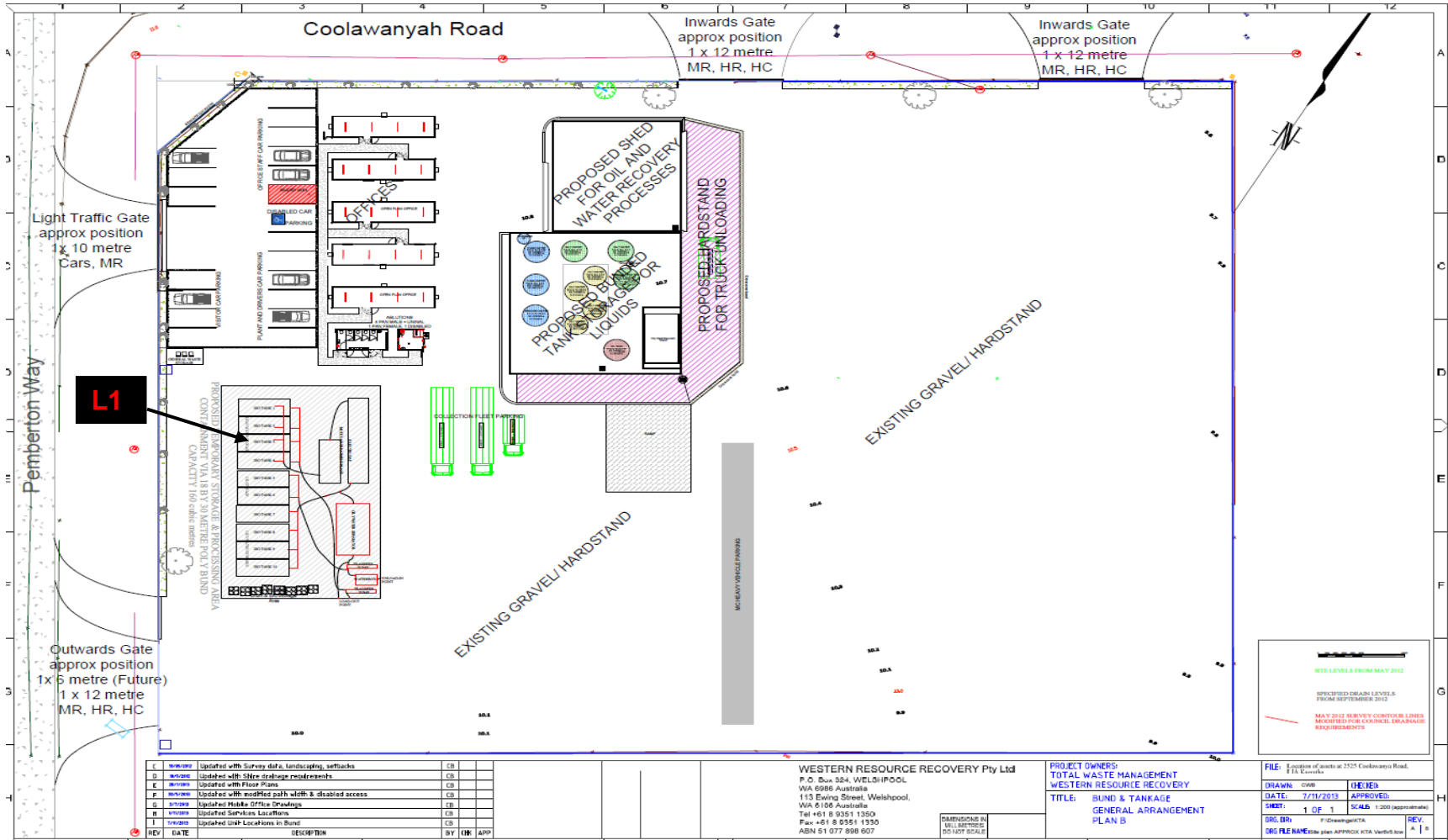
Miscellaneous Lease L4700166





### Schedule 2: Emission Point L1

The locations of the emission point and monitoring point defined in Table 2.5.1 and Table 3.5.1 are shown below.







### Schedule 3: LR1 Form

Licence: L9120/2018/1  
Form: LR1  
Name: Monitoring of emissions to land

Licensee: Western Resource Recovery Pty Ltd  
Period :

<b>Form LR1: Monitoring of emissions to land</b>						
<b>Emission point</b>	<b>Parameter</b>	<b>Limit</b>	<b>Result<sup>1</sup></b>	<b>Averaging period</b>	<b>Method</b>	<b>Sample date &amp; times</b>
L1	Volumetric flow rate	-	L/s	Spot sample		
	pH	5.5-8.5	-			
	Surfactants	5 mg/L	mg/L			
	Total Petroleum Hydrocarbons	15 mg/L	mg/L			
	BTEX	10 µg/L	µg/L			
	Total Dissolved Solids	2000 mg/L	mg/L			

Note 1: All units are referenced to STP dry

Signed on behalf of Western Resource Recovery Pty Ltd: ..... Date: .....



## Schedule 4: N1 form

Licence: L9120/2018/1  
 Form: N1

Licensee: Western Resource Recovery Pty Ltd  
 Date of breach:

**Notification of detection of the breach of a limit or any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution.**

These pages outline the information that the operator must provide.  
 Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

### Part A

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

<b>Notification requirements for the breach of a limit</b>	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

<b>Notification requirements for any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution</b>	
Date and time of event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken , or intended to be taken, to stop any emission	
Description of the failure or accident	



## Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Western Resource Recovery Pty Ltd	
Date	